Are any other weeds a nuisance on your property?

Department of Agriculture Bulletin No. 329,

"Chemical Methods of Weed Control",

(Price 3s.)

may have the answer to your problem.

Other handy Departmental bulletins are:

No. 356 "Poisonous Plants in New Zealand". 2s.

No. 277 "Crop Production". 2s.

No. 290 "Haymaking". 1s.

No. 313 "Silage". 1s.

No. 346 "Homestead Shelter Planting". 2s.

No. 286 "Farm Drainage". 2s.

Increased production and more profits could be your reward for following the sound advice obtainable in the

"New Zealand Journal of Agriculture"

The "Journal" is issued monthly and a year's subscription is only 10s. Apply at the local office of the Department of Agriculture or send your name, address, and subscription to

Publications Section,
Department of Agriculture,
Private Bag, Auckland,
P.O. Box 2298, Wellington, or
Private Bag, Christchurch.

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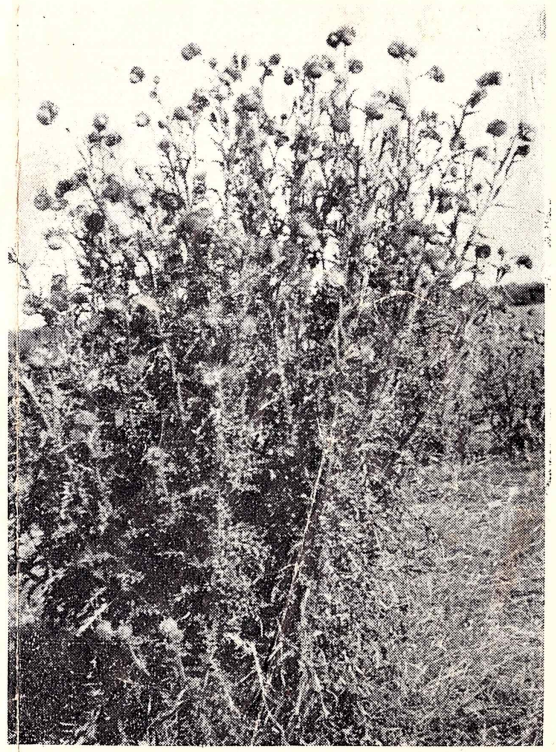
To the Farmer

NODDING THISTLE

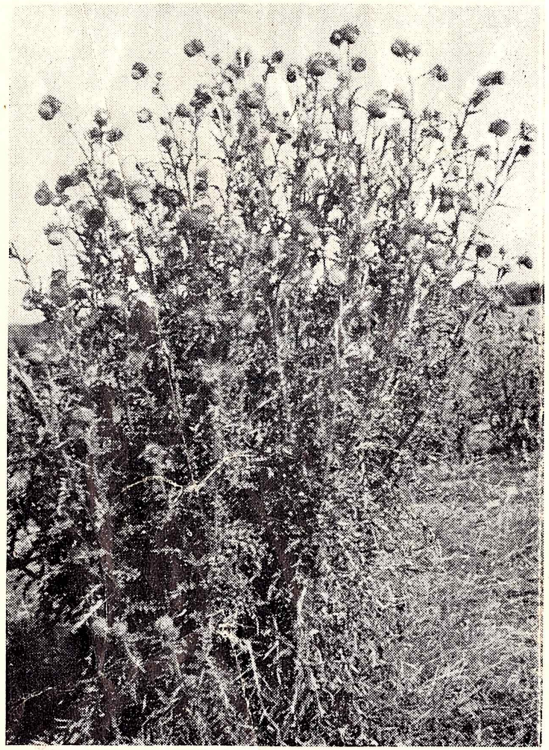
(CARDUUS NUTANS)



A THREATENING WEED

NODDING THISTLE

(Carduus nutans)



A THREATENING WEED

Nodding thistle is a serious weed threatening all classes of country in Hawke's Bay. We must prevent further spread by killing every plant we see. We must kill it before it seeds. Nodding thistle is a prolific seeder (up to 4,000 seeds a plant). These seeds spread very easily. They live a long time in the ground.

CONTROL

Nodding thistle is easy to control if you have **the will** to destroy it and follow these **simple aids**. Many farmers are keeping their farms free from this thistle, so there is no reason why you shouldn't.

Be prepared to kill **every plant** you see, whatever other job you might be doing when you see it.

1. With isolated plants use your knife, a grubber, or better still sprinkle the plant with 2,4-D dust. Dust bombs and dust blowers are available.
2. If spraying is necessary, remember that nodding thistle is **easy** and **cheap** to kill if sprayed in the early stages.
   (a) Kill the autumn seedlings by spraying in April/May; normally only ½ or 1 lb of hormone will be required.
   (b) Follow up in September/October to kill the spring germination and to kill any regrowths.
   (c) Further follow-up may be necessary on isolated plants.

THE KEY TO EFFICIENT SPRAYING

1. The weather must be fine and warm. The thistle must be growing vigorously and continue to grow for several days after spraying.
2. After spraying 8 to 10 hours of fine weather are needed before rain falls to let the spray enter the plant.
3. You must hit all the thistles with the correct rate of the spray, so check the following constantly:

   Speed of travel
   Pressure
   Nozzles

Failures are expensive, so if you have any problems **it pays to seek advice**. Consult your nearest Department of Agriculture office.

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